

Fig. 1

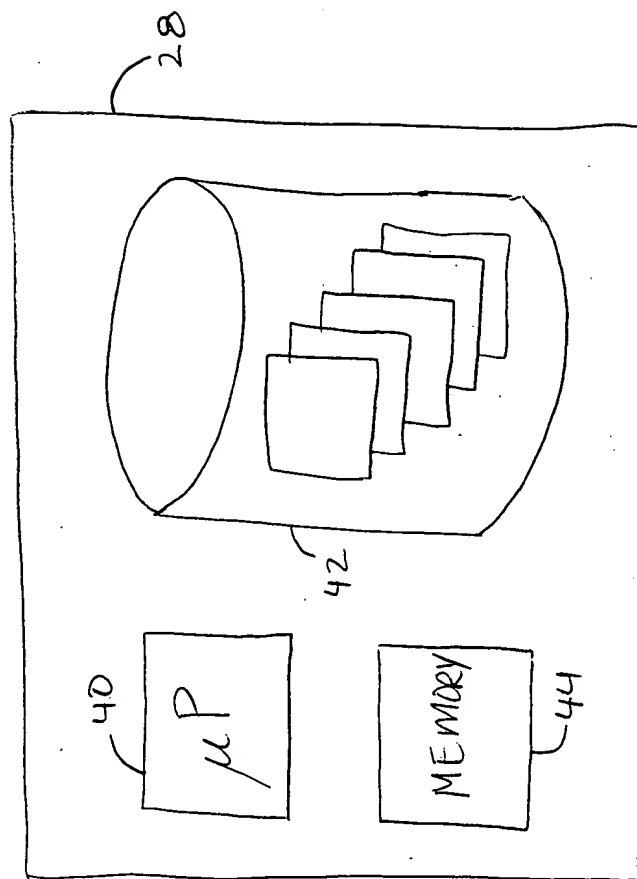


Fig. 2

Figure 3: Sequence Diagram

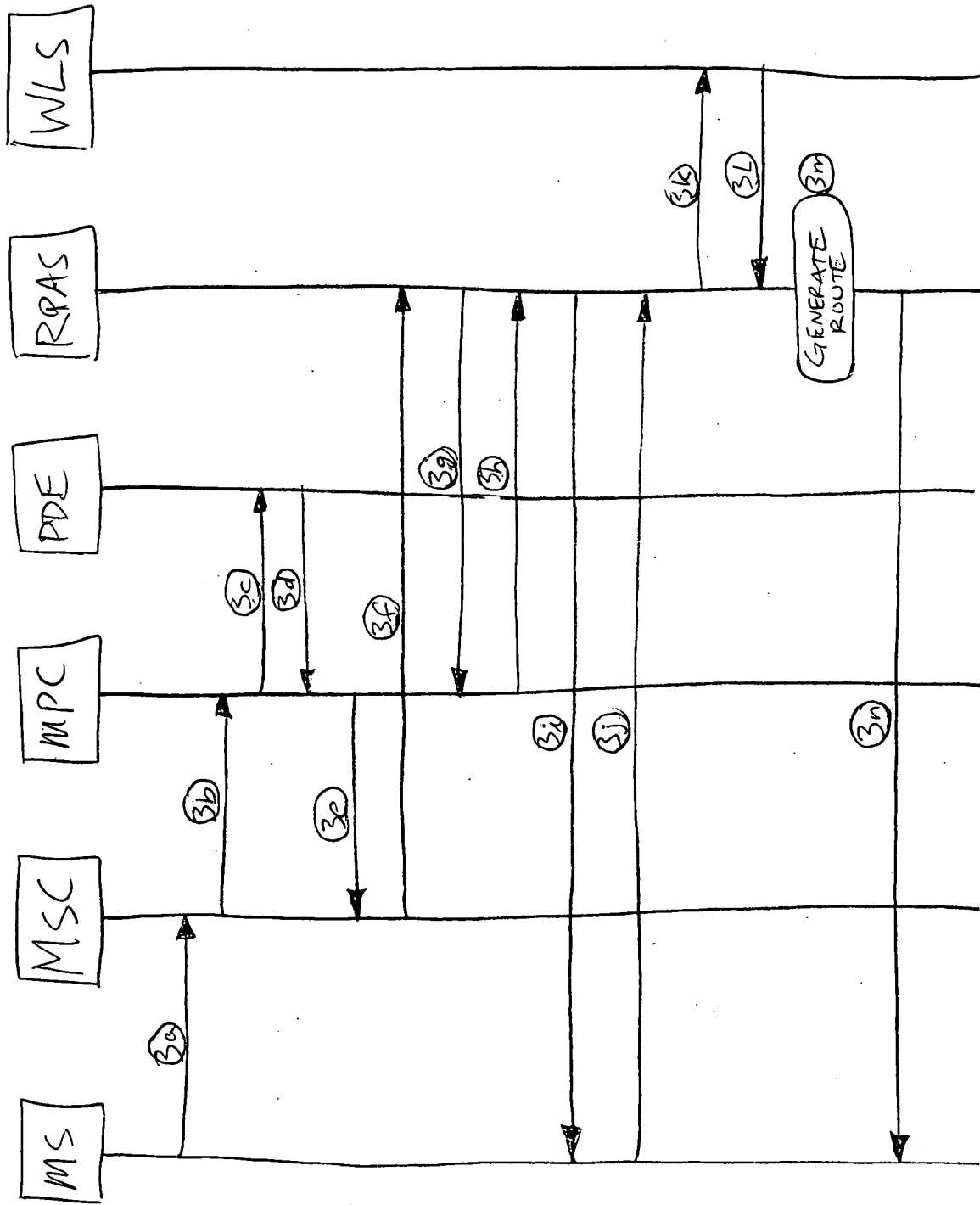


Fig. 3

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sequenceDiagram
    participant MS
    participant MSC
    participant MPC
    participant PDE
    participant RPAS

    MS->>MSC: 4a
    MSC->>MPC: 4b
    MPC->>PDE: 4c
    PDE->>MPC: 4d
    MPC->>RPAS: 4e
    RPAS->>PDE: 4f
    RPAS->>PDE: 4g
    RPAS->>PDE: 4h
    PDE->>PDE: 4i
    PDE->>PDE: 4j
    PDE->>PDE: GENERATE ROUTE
  
```

Fig. 4